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Biophysical Discussions

SECOND DISCUSSIONS — MAY 1980

Proteins and Nucleoproteins: *Structure, Dynamics, and Assembly*

The second Discussion of the Biophysical Society, on Proteins and Nucleoproteins: Structure, Dynamics, and Assembly, will be held 18-21 May 1980 at Airlie House, Airlie, Virginia. The meeting format is similar to that of the Discussions of the Faraday Society in Britain, where texts of papers are circulated in advance. Thirty research papers will be defended; transcripts of the plenary debates will be printed in the final text. In addition, sixty posters will be printed in two-page summaries.

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The Mechanisms of Folding and Assembly

Energetics of Subunit Assembly and Ligand Binding in Human Hemoglobin *Gary K. Ackers*

RNA-Protein Interactions in the Assembly of Tobacco Mosaic Virus *P.J.G. Butler and G.P. Lomonossoff*

Patterns in the QUINARY Structures of Proteins: Plasticity and Inequivalence of Individual Molecules in Helical Arrays of Sickle Cell Hemoglobin and Tubulin *Stuart J. Edelstein*

Nucleosome Structure and Conformational Changes *J.D. McGhee, G. Felsenfeld and H. Eisenberg*

Kinetic Studies on Photolysis Induced Gelation of Sickle Cell Hemoglobin Suggest a New Mechanism *F.A. Ferrone, J. Hofrichter, H.R. Sunshine and W.A. Eaton*

Regulation of Coat Protein Polymerization by the Scaffolding Protein of Bacteriophage P22 *Margaret Fuller and Jonathan King*

Transient Conformational States in Proteins Followed by Differential Labelling *Charis Ghelis*

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Ion Transport by Epithelial Tissues

Marine Biological Laboratory, Woods Hole, Massachusetts
4–7 September 1980

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- S. Helman, University of Illinois, Urbana
- S. M. Thompson and S. G. Schultz, University of Texas, Houston
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5 September: *Electrophysiology of Epithelial Tissues—Part 2*
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